

Q

REV. DESCRIPTION DATE APPROVE

33

16

17

30

31

07/663144

14

angled approach of fiber to specimen surface

13

15

12

11

center fiber

one of multiple lenses

fiber for multiple rings

19

18

20

21

10

21'

fiber exits

16'

17'

FIG. 1A

2. The distance 21 is adjustable in position

07/663144

50

1416.11

2 p/1

Monocent 9009.06

6.66m

2 p/10

2 p/11

Monocent 9009.07

1947.15

1947.12

1947.11

1947.14

Monocent 9009.06

6.31 30m long

Monocent 9009.07

6.39 30m long

1947.13

Monocent 9009.07

6.39 30m long

1947.20

2 p/1

Monocent 9009.07

6.39 30m long

1947.16

cover

First Ring

1.0. 157

0.0. 237

φ 6.3 x 45

1R-Schoff

9001.06

Sec. Ring

1.0. 357

0.0. 434

φ 9.5 x 45

36"

1947.17

Monocent 9009.01

φ 6.77 x 35

36" long

Monocent 9009.01

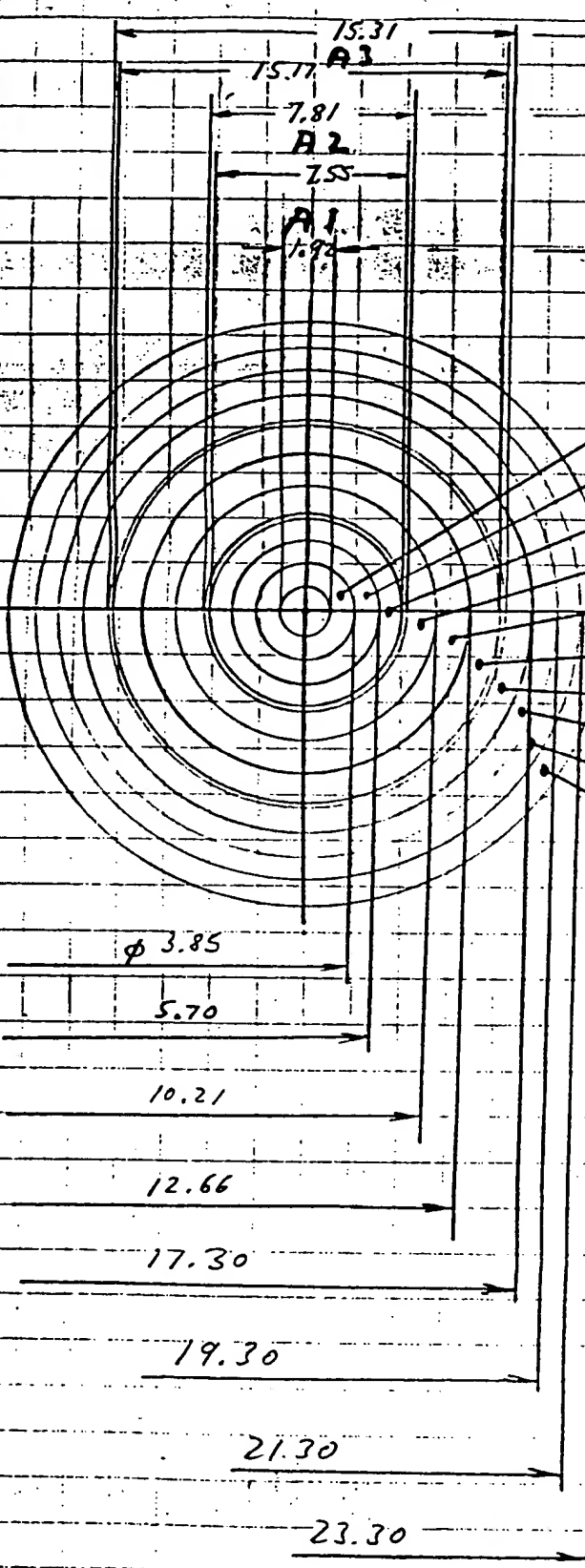
36" long

Fig 1R-Schoff 9002.06 φ 1.26m x 900' long

1947.18

1947.19

F161B



3.37 mm²
3.70 mm²
2.9 mm²

	active %	active mm ²	Ref. Fib. %	Ref. Fib. mm ²	Spacer Fib. %	Spacer Fib. mm ²
8.8 mm ²	90	7.92	12	1.0		
14.5 mm ²	90	13	10	1.45		
20.2 mm ²	90	18.2	10	2.0		
34 mm ²	50	17	5	1.7		
43 mm ²	50	21.5	5	2.2		
52 mm ²	50	26	5	2.6		
51.1 mm ²	40	20.4	4	2.0		
57.5 mm ²	40	23	4	2.3		
63.7 mm ²	40	25.5	4	2.6		
70 mm ²	40	28	4	2.8		

200.5 20.5
221.0 mm
+ 21
242 mm

FIG. 2